



PATENT

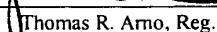
Case Docket No. AUROBIO.026D2D1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Maher et al.
Appl. No. : 10/771,283
Filed : February 2, 2004
For : HIGH THROUGHPUT
METHOD AND SYSTEM FOR
SCREENING CANDIDATE
COMPOUNDS FOR ACTIVITY
AGAINST TARGET ION
CHANNELS
Examiner : Unassigned
Group Art Unit : Unknown

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

4/27/04
(Date)


Thomas R. Arno, Reg. No. 40,490

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- An Information Disclosure Statement.
- A PTO Form 1449 with seventy one references.
- Four Office Actions from related cases.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- Return prepaid postcard.


Thomas R. Arno
Registration No. 40,490
Attorney of Record
Customer No. 20,995
(619) 235-8550

**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Maher et al.
App. No.	:	10/771,283
Filed	:	February 2, 2004
For	:	HIGH THROUGHPUT METHOD AND SYSTEM FOR SCREENING CANDIDATE COMPOUNDS FOR ACTIVITY AGAINST TARGET ION CHANNELS
Examiner	:	Unassigned
Group Art Unit	:	Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing seventy one references. 65 of these references are of record in U.S. patent application No. 09/804,580, filed March 12, 2001, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Accordingly, copies of those 65 references are not submitted pursuant to 37 C.F.R. § 1.98(d). Also enclosed are copies of Office Action from related Applications No. 09/804,458, Application No. 09/804,580 and Application No. 09/804,457.

Appl. No. : 10/771,283
Filed : February 2, 2004

Docket No. AUROBIO.026D2D1
Customer No. 20,995

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

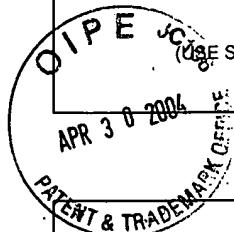
Dated: 4/27/04

By: 

Thomas R. Arno
Registration No. 40,490
Attorney of Record
Customer No. 20,995
(619) 235-8550

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. AUROBIO.026D2D1	APPLICATION NO. 10/771,283
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Maher, et al.	
(USE SEVERAL SHEETS IF NECESSARY)		FILING DATE February 2, 2004	GROUP Unknown



U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
1	4,072,578	2/7/78	Cady, et al.				
2	4,514,500	4/30/85	Giaeever, et al.				
3	4,461,304	7/24/84	Kuperstein				
4	4,628,933	12/16/86	Michelson				
5	4,677,989	7/7/87	Robblee				
6	4,969,468	11/13/90	Byers, et al.				
7	5,024,233	6/18/91	Chow				
8	5,178,161	1/12/93	Kovacs				
9	5,187,096	2/16/93	Giaeever, et al.				
10	5,405,367	4/11/95	Schulman, et al.				
11	5,432,086	7/11/95	Fränzl, et al.				
12	5,439,440	8/8/95	Hofmann				
13	5,545,130	8/13/96	Hofmann, et al.				
14	5,563,067	10/8/96	Sugihara, et al.				
15	5,571,158	11/5/96	Bolz, et al.				
16	5,810,725	9/22/98	Sugihara, et al.				
17	5,855,801	1/5/99	Lin, et al.				
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19	5,957,958	9/28/99	Schulman, et al.				
20	5,965,452	10/12/99	Kovacs				
21	5,981,268	11/9/99	Kovacs, et al.				
22	6,008,038	12/28/99	Kröger, et al.				
23	6,009,347	12/28/99	Hofmann				
24	6,024,702	2/15/00	Iversen				
25	6,031,711	2/29/00	Tennent, et al.				
26	6,038,478	3/14/00	Yuen, et al.				

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. AUROBIO.026D2D1	APPLICATION NO. 10/771,283
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U.S. PATENT DOCUMENTS

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27	6,046,002	4/4/00	Davis, et al.			
28	6,051,422	4/18/00	Kovacs, et al.			
29	6,063,260	5/16/00	Olesen, et al.			
30	6,099,960	8/8/00	Tennent, et al.			
31	6,205,016	3/20/01	Niu			
32	6,376,233 B1	4/2002	Wolf et al.			
33	4,801,543	1/31/1989	Arnold et al.			
34	5,194,133	3/16/1993	Clark et al.			
35	5,643,742	7/1/1997	Malin et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
36	WO97/05922	2/20/97	PCT				
37	WO00/25121	5/4/00	PCT				
38	WO00/68686	11/16/00	PCT				
39	1 067 378 A1	1/10/01	EPO				
40	96/41166	12/19/1996	PCT				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
41	Arndts, Oral Presentation Abstract, Second International Cell Analysis Products Users Meeting in Hilton Head Island, South Carolina, USA (June 3-5, 1998).
42	Barr and Plonsey, Biophys. J. 61, 1164-1175 (1992).
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44	Cartee and Plonsey, Med & Biol. Eng. & Comp. 30 389-398 (1992).
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47	Greenberg, et al. IEEE 46, 505-514 (1999).

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48	Gross, et al. Biophys. J. 50, 339-348 (1986).		
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57	Rattay, Neuroscience 89 335-346 (1999).		
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61	Stone et al., J. Cardiovascular Electrophysiology 10 92-107 (1999).		
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63	Tung and Borderies, Biophys. J. 63 371-386 (1992).		
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69	Jacobs et al., "Control of Action Potential-Induced Ca ²⁺ Signaling in the Soma of Hippocampal Neurons by Ca ²⁺ Release from Intracellular Stores", (1997) Journal of Neuroscience 17(11):4129-4135.		
70	Reiner et al., "Use of a Membrane Potential-Sensitive Probe to Assess Biological Expression of the Cystic Fibrosis Transmembrane Conductance Regulator" (1995) Human Gene Therapy 6:1275-1283.		
71	Sinha et al., "Simultaneous Optical Recording of Evoked and Spontaneous Transients of Membrane Potential and Intracellular Calcium Concentration with High Spatio-Temporal Resolution" (1995) Journal of Neuroscience Methods 60:49-60		

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